

# Electrified Hardware



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# PD97PT ELECTRIFIED MORTISE LOCK

## with Power Transfer for Sliding Doors



### SPECIFICATIONS

<b>Door Thickness</b>	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
<b>Backset</b>	2-3/4" (70mm) 2-1/2" (63.5mm)
<b>Lever Spindle</b>	8 x 8mm square
<b>Thumbturn Spindle</b>	5 x 5mm square
<b>Center to Center Distance</b>	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
<b>Cylinder</b>	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
<b>CAM</b>	CAM01-SCL Clover Cam
<b>Material</b>	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

### FEATURES

- Motor-driven electrified mortise lock supports touchless locking and unlocking compatibility
- Power transfer occurs on contact between the strike and lock, allowing for streamlined installation and eliminating cross-drilling through the door
- Compatible with access control relays and control units



### CODE COMPLIANCE

- UL1034 Burglary-Resistant Electric Locking Mechanisms
- UL294 Standard for Access Control System Units
- ANSI/BHMA A156.25 Electrified Mortise Locks
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

### STANDARD FINISHES

- 32D Satin Stainless Steel
- 32 Bright Stainless Steel
- PVD4 Satin Brass (243, 276 and 321 Lever Design)
- CeraMax Ceramic Coating: C19G Graphite Black, C19 Flat Black, CGY Stormy Grey, CDB Dark Bronze

*For additional finish options not listed, contact Sales Department for MOQ and lead times*

# PD97ATL ELECTRIFIED MORTISE LOCK

## with Auto-Locking for Sliding Doors



### SPECIFICATIONS

<b>Door Thickness</b>	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
<b>Backset</b>	2-3/4" (70mm) 2-1/2" (63.5mm)
<b>Lever Spindle</b>	8 x 8mm square
<b>Thumbturn Spindle</b>	5 x 5mm square
<b>Center to Center Distance</b>	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
<b>Cylinder</b>	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
<b>CAM</b>	CAM01-SCL Clover Cam
<b>Material</b>	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

### FEATURES

- Motor Driven 12/24V electrified lock for sliding doors
- Built-in DPS & DBM sensors, enabling auto-latching and auto-locking functions
- Supports touchless opening solutions when paired with an auto-operator
- Fail Secure lock remains mechanically locked during power failure, ensuring security
- Designed for easy integration with any type of access control system



### CODE COMPLIANCE

- UL1034 Burglary-Resistant Electric Locking Mechanisms
- UL294 Standard for Access Control System Units
- ANSI/BHMA A156.25 Electrified Mortise Locks
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

### STANDARD FINISHES

- 32D Satin Stainless Steel
- 32 Bright Stainless Steel
- PVD4 Satin Brass
- CeraMax Ceramic Coating: C19G Graphite Black, C19 Flat Black, CGY Stormy Grey, CDB Dark Bronze

*For additional finish options not listed, contact Sales Department for MOQ and lead times*

# PD97ES ELECTRIFIED MORTISE LOCK

## with Auto-Locking and Monitoring for Sliding Doors



### SPECIFICATIONS

<b>Door Thickness</b>	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
<b>Backset</b>	2-3/4" (70mm) 2-1/2" (63.5mm)
<b>Lever Spindle</b>	8 x 8mm square
<b>Thumbturn Spindle</b>	5 x 5mm square
<b>Center to Center Distance</b>	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
<b>Cylinder</b>	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
<b>CAM</b>	CAM01-SCL Clover Cam
<b>Material</b>	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

### FEATURES

- Motor Driven 12/24V electrified lock for sliding doors
- Built-in DPS & DBM sensors, enabling auto-latching and auto-locking functions
- Supports touchless opening solutions when paired with an auto-operator
- Fail Secure lock remains mechanically locked during power failure, ensuring security
- Designed for easy integration with access control and monitoring systems

### CODE COMPLIANCE

- UL1034 Burglary-Resistant Electric Locking Mechanisms
- UL294 Standard for Access Control System Units
- ANSI/BHMA A156.25 Electrified Mortise Locks
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

### STANDARD FINISHES

- 32D Satin Stainless Steel
- 32 Bright Stainless Steel
- PVD4 Satin Brass
- CeraMax Ceramic Coating: C19G Graphite Black, C19 Flat Black, CGY Stormy Grey, CDB Dark Bronze

*For additional finish options not listed, contact Sales Department for MOQ and lead times*

# HEAVY DUTY ELECTRIFIED MC7000 MORTISE LOCKS

## ANSI/BHMA Grade 1



### SPECIFICATIONS

<b>Door Thickness</b>	1-3/4" (44mm) Standard Thick Door Kits available
<b>Backset</b>	2-3/4" (70mm)
<b>Handing</b>	Specify handing from the outside
<b>Lever Spindle</b>	8mm x 8mm square
<b>Thumbturn Spindle</b>	5mm x 5mm square
<b>Center to Center</b>	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
<b>Cylinder</b>	Schlage C keyway 6 pin mortise cylinder with 2 keys standard. Optional keyways, keying services, and IC cores available
<b>Function</b>	EL (Fail Safe) - Electrically Locked EU (Fail Secure) - Electrically Unlocked
<b>Voltage</b>	12V DC or 24V DC
<b>Current</b>	0.3A at 24V DC 0.6A at 12V DC
<b>Temperature</b>	32°F to +120°F

### FEATURES

- Electrified mortise locks allow remote keyless access and control for heavy use applications where security and safety are critical.
- MC7000 electrified mortise locks use continuous duty solenoids for cooler operation.
- Can be used by keypad access controls, access card readers, security consoles, automatic time devices and computerized controls.

### CODE COMPLIANCE



- ANSI/BHMA A156.13 Grade 1 Mortise Locks
- UL Listed for ANSI/UL10B and UL10C, CAN/ULC S104 up to 3 Hours
- UBC Standard 7-2 (1997) NFPA 252
- NFPA 80 National Fire Protection - Fire Door Assembly
- NFPA101 National Fire Protection - Life Safety
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility
- Electrification: ANSI/UL634, ANSI/UL294, ANSI/UL10C

Description	Item No.
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 12V Voltage	<b>SV-MC-EL12V</b>
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 24V Voltage	<b>SV-MC-EL24V</b>
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 12V Voltage	<b>SV-MC-EU12V</b>
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 24V Voltage	<b>SV-MC-EU24V</b>
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 12V Voltage with REX Switch	<b>SV-MC-EL12V-REX</b>
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 24V Voltage with REX Switch	<b>SV-MC-EL24V-REX</b>
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 12V Voltage with REX Switch	<b>SV-MC-EU12V-REX</b>
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 24V Voltage with REX Switch	<b>SV-MC-EU24V-REX</b>

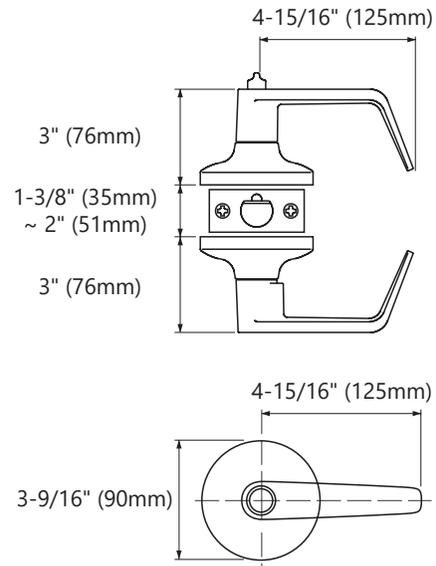
Add service code and upcharge price as a separate line item to order electrified locking (EL) locks. In case of power outage, EL locks are Fail Safe and EU locks are Fail Secure.

# ELECTRIFIED CY6100 CYLINDRICAL LOCKS

## ANSI/BHMA Grade 1

### SPECIFICATIONS

<b>Door Thickness</b>	1-3/8" (35mm) ~ 2" (51mm) standard doors
<b>Door Prep</b>	Crossbore 2-1/8" (54mm), Edgebore 1" (25mm), Latch face 2-1/4" (57mm) x 1-1/8" (28.6mm)
<b>Backset</b>	2-3/4" (70mm) standard 2-3/8" (60mm) optional
<b>Cylinder</b>	6-pin anti-pick, solid brass cylinder
<b>Keys</b>	Two (2) keys per lock. Schlage C keyway Keyed-Different standard Keyed-Alike, Construction key, Master key suite, or other keyways available by special order
<b>Trim</b>	Solid zinc diecast levers 55° lever rotation for full latch retraction
<b>Clutch Function (CL)</b>	Outside lever free wheeling while locked to prevent vandalism
<b>Rose</b>	3-9/16" (90mm) diameter Brass roses with concealed screws Threaded interior and exterior roses Removable thru bolts
<b>Latchbolt</b>	1/2" (12.7mm) throw, Stainless Steel 3 hour fire rated latchbolt Reversible for flat and beveled doors
<b>Faceplate</b>	2-1/4" (57mm) x 1-1/8" (28.6mm) square corner standard. Stainless Steel or brass faceplate
<b>Strike</b>	ANSI curved lip strike 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center standard. Full lip strike or T strike available



### CODE COMPLIANCE



ANSI A156.2 Grade 1, UL 10C and UBC 7.2 for positive pressure  
ANSI A117.1 ADA Barrier-free Accessibility  
C-UBC California Uniform Builders Code-2001  
NFPA-80 National Fire Protection-1999  
NFPA-101 National Fire Protection-Life Safety-2000

### Description

### Item No.

SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 12V Voltage	<b>SV-CL-EL12V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 24V Voltage	<b>SV-CL-EL24V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 12V Voltage	<b>SV-CL-EU12V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 24V Voltage	<b>SV-CL-EU24V</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 12V Voltage with REX Switch	<b>SV-CL-EL12V-REX</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Safe 24V Voltage with REX Switch	<b>SV-CL-EL24V-REX</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 12V Voltage with REX Switch	<b>SV-CL-EU12V-REX</b>
SERVICE CODE: Electrification of Cylindrical Lock, Fail Secure 24V Voltage with REX Switch	<b>SV-CL-EU24V-REX</b>

Add service code and upcharge price as a separate line item to order electrified locking (EL) locks. In case of power outage, EL locks are Fail Safe and EU locks are Fail Secure.

# ED93 ELECTRIFICATION

## Motor Driven Latch Retraction Exit Device-ED93 QLR



### APPLICATION

- Electric Latch Retraction feature allows for remote unlatching of exit device. It gives remote keyless access control in high traffic conditions where exit devices are required, such as hospitals, airports and schools. They are also commonly used with automatic door operators
- The ED93 Motor Driven latch retraction (QLR) exit device uses electronic motor technology, which allows faster, quieter and smoother latch pullback compared to the solenoid activated latch retraction
- Motor technology use a substantially lower pulse of current (compared to solenoid activated devices) to retract latch bolt, and using even less power to hold them retracted. It's a perfect choice for hospitals, libraries and any area that requires reduced noise

### SPECIFICATION

<b>Voltage Range</b>	22 to 30V DC system protection (unit shuts down when voltage exceeds 30V DC)
<b>Current Draw</b>	1 A for 400ms, 125mA holding (dogged) thereafter electronic travel adjustment approximately 1/4"

### FUNCTION

- ED93 Exit device with QLR retracts the latch bolt by power either momentarily or for extended periods of time, allowing for outside access or auto operator integration. When power is out, the device and latch are secured (Fail Secure). Inside push pad of exit device always allows for emergency egress
- Motor driven electric latch retraction (QLR) function is available for ED93 Series Rim, SVR and mortise devices

### FEATURES

- Fast, quiet and smooth operation
- Low surge current draw
- Improved efficiency and strength
- Electric dogging
- 6' power cable with quick connect
- Up to 300' wire run with 18/2 wire, provide cost savings by using less power supplies for multiple devices
- Compatible with most 24V DC, 1A (or greater) regulated power supplies. Please see page 12 for power supply options, order separately
- On board self-diagnostics

### SWITCHES

A variety of monitoring switches are available for INOX ED93 exit devices. All switches are SPDT (single pull, double throw) and available for the following applications either installed with ED93 exit device or as kits



#### REX - Request-to-Exit Switch

Request-to-Exit switch sends a signal to alert the control panel that the door is about to be opened by someone intending on entering a secured area

#### LBM - Latchbolt Monitor Switch

Latchbolt Monitor switch sends a signal to control panel to monitor the position of latchbolt

# ED81MED NARROW STILE ELECTRIFICATION MOTOR DRIVEN LATCH RETRACTION EXIT DEVICE

ANSI Grade 1



## SPECIFICATION

<b>Voltage Range</b>	22 to 30V DC Systems Shuts down if voltage exceeds 30V DC
<b>Current Draw</b>	1A for 400ms to retract, then 125mA to maintain electronic dogging

## APPLICATION

Quiet Latch Retraction (QLR) feature allows for remote unlatching of exit device. It gives remote keyless access control in high traffic conditions where exit devices are required, such as hospitals, airports and schools. It is also commonly used with automatic door operators

ED81 QLR exit device uses electronic motor technology, which allows faster, quieter and smoother latch pullback compared to the solenoid activated latch retraction. Motor technology uses a substantially lower pulse of current (compared to solenoid activated devices) to retract latch bolt, and uses even less power to hold latch bolt retracted. It's a perfect choice for hospitals, libraries and any area that requires reduced noise

## SWITCHES



All switches are SPDT (single pull, double throw) and available for the following applications either installed with ED81 Narrow Stile Exit Device or as kits:

### **REX - Request-to-Exit Switch**

Request-to-Exit switch sends a signal to alert the control panel that the door is about to be opened by someone intent on exiting a secured area

### **LBM - Latchbolt Monitor Switch**

Latchbolt Monitor switch sends a signal to control panel to monitor the position of latchbolt

## FEATURES

- Fast, quiet and smooth operation
- Low surge current draw
- Greater efficiency and strength
- Electric dogging
- 6' power cable with quick connect
- Up to 300' wire run with 18/2 wire, providing cost savings by using less power supplies for multiple devices
- Compatible with most 24V DC, 1A (or greater) regulated power supplies. For power supply options, order separately
- On board self-diagnostic

## FUNCTION

ED81 Narrow Stile Exit Device with QLR retracts the latch bolt by power either momentarily or for extended periods of time, allowing for outside access or auto operator integration. When power is out, the device and latch are locked (Fail Secure). Inside push pad of exit device always allows for free egress

Motor-driven QLR function is available for ED81 Series RIM, SVR and mortise devices

# ELECTRIFIED EXIT ESCUTCHEON TRIM



## APPLICATION

Electrified exit escutcheon trim allows outside lever locked or unlocked electronically for access control. It is commonly used for stairwell or access-restricted areas with conditions where fire/life safety codes require a “fail safe” condition, which is not an option with electrified latch retraction devices

## SPECIFICATION

**Voltage Requirement** 12 V AC/DC or 24V AC/D

**Amperage** 250mA @12V or 150mA @24V

## SWITCH

### REE - Request to Enter Switch



Request to Enter (REE) Switch can be added to the ED93 escutcheon trim. It is a SPDT (single pull, double throw) switch that sends a signal to alert the control panel that the door is about to be opened by someone intending on entering a secured area

## FEATURES

- Continuous duty solenoids for cooler operation during continuous-on applications
- Standard plug-in rectifier allows for an AC or DC power source
- Low current draw

## FUNCTION

### EDES07NL-EL

#### Storeroom Electronically Locked (Fail Safe)

Outside lever LOCKED electronically (EL). Switched power (de-energized) allows outside lever to retract latch. Loss of power will cause outside lever unlocked (Fail Safe). Outside key momentarily unlocks outside lever to retract latch. Inside push pad of exit device is always free for immediate egress

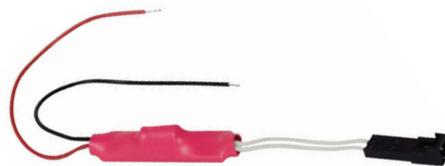
### EDES07NL-EU

#### Storeroom Electronically Unlocked (Fail Secure)

Outside lever UNLOCKED electronically (EU). Switched power (de-energized) locks outside lever. Loss of power will cause outside lever locked (Fail Secure). Outside key momentarily unlocks outside lever to retract latch. Inside push pad of exit device is always free for immediate egress

## OPTIONS

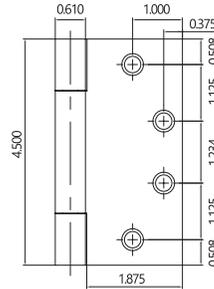
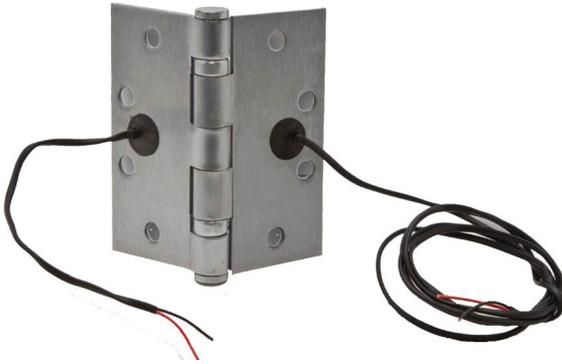
### CRU12i - Current Reduction Unit



A current reduction unit is recommended in “continuously on” applications to reduce heat and extend solenoid life. The unit intelligently detects 12V to 30V AC/DC input voltages and converts it to a dynamic voltage to power a 12V DC solenoid efficiently. This eliminates the need for manual current adjustment, and increases the life of solenoid. Energizes 12V locking devices only

# POWER TRANSFER MORTISE HINGES HG8112-ETH

## Standard Weight, 3 Knuckle, Concealed Bearing



4-1/2"(114mm) x 4-1/2"(114mm)

### FEATURES

- INOX HG8112-ETH power transfer hinge is an ideal way to transfer low voltage from the hinge jamb to the lockset without exposed wires.
- The hinge is most commonly used for electrical mortise and cylindrical locks, electric strikes, electric exit devices, and door mounted card readers.

### CODE COMPLIANCE



- ANSI/BHMA A156.1 Type A8112
- ANSI/UL10B and UL10C Fire Rated up to 3 Hours
- Meets USA Federal Spec. #FF-H-116C
- C-UBC California Uniform Builders Code-2001
- NFPA80 - National Fire Protection Association -1999
- NFPA101 - National Fire Protection-Life Safety - 2000

### STANDARD FINISHES

- 26D Satin Chrome
- 19G Graphite Black

*For additional finish options not listed, contact Sales Department for MOQ and lead times*

## CONCEALED DOOR LOOPS ELCDL



### APPLICATION AND FEATURES

- The INOX Concealed Door Loop provides a cost-efficient method for transferring low-voltage electricity from the door frame to the locking device.
- The door loop remains completely concealed when the door is closed.
- Available for 3/4" offset pivot applications, continuous hinge applications, and butt hinge applications.
- The design allows for easy installation. Variable mounting locations provide versatile installation options.
- A special 1/4" flexible armored conduit enhances durability and flexibility.

### SPECIFICATION

<b>Swing</b>	Supports up to 180°
<b>Product Weight</b>	0.5 lbs

### STANDARD FINISHES

- AB Aluminum Black
- For additional finish options not listed, contact Sales Department for MOQ and lead times*

**ELCDL34**  
(For 3/4" offset pivot)



## CONCEALED ELECTRIC POWER TRANSFER ELEPT



### SPECIFICATION

<b>Wiring</b>	Two (2) 18 gauge Wires
<b>Voltage</b>	5 Amp @ 12/24 V AC/DC

### STANDARD FINISHES

- AL Aluminum
- For additional finish options not listed, contact Sales Department for MOQ and lead times*

### APPLICATION AND FEATURES

- Provides power control input for electric locks and exit devices, including locked, latched, mantrap, forced entry, and open status signal wiring.
- Designed for mortise door and frame installation. Includes fasteners for wood, steel, and aluminum doors and frames.
- Supports a maximum door opening of 180°.
- INOX Concealed Electric Power Transfer Devices securely transfer power for exit devices, locks, and signal wires from the frame to the door.
- Completely concealed when the door is closed, ensuring a clean and tamper-resistant installation. Ideal for high-traffic areas requiring enhanced security to prevent tampering and abuse.

## SURFACE DOOR LOOP ELSDL



### APPLICATION AND FEATURES

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- INOX surface mounted door loops offers a safe method to transfer power when it is not possible to conceal a door loop.

### SPECIFICATION

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<b>Model</b>	DL-20
<b>Function</b>	Standard

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### STANDARD FINISHES

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- AL Aluminum
- For additional finish options not listed, contact Sales Department for MOQ and lead times*

# ACCESS CONTROL IN A BOX

via Smart Phone, BLE/WIFI Gateway, Passcode or RFID Fob/Card

**AX-SC1**  
Cylindrical Strike Box



Grade 1 Electric Strike for Cylindrical Locksets



Reader-Controller with Digital Keypad



Plug-in Gateway



Plug-in power with 3 Molex connectors



RFID Fobs & Stickers



Door Position Sensor (DPS) for Wood & Metal Doors & Frames

**AX-SM1**  
Mortise Strike Box



Grade 1 Electric Strike for Mortise Locksets



Reader-Controller with Digital Keypad



Plug-in Gateway



Plug-in power with 3 Molex connectors



RFID Fobs & Stickers



Door Position Sensor (DPS) for Wood & Metal Doors & Frames

**AX-SR1**  
RIM Exit Device Box



Grade 1 Electric Strike for RIM Exit Device



Reader-Controller with Digital Keypad



Plug-in Gateway



Plug-in power with 3 Molex connectors



RFID Fobs & Stickers



Door Position Sensor (DPS) for Wood & Metal Doors & Frames



# ISK SERIES SMART BLE ACCESS CONTROL UNIT

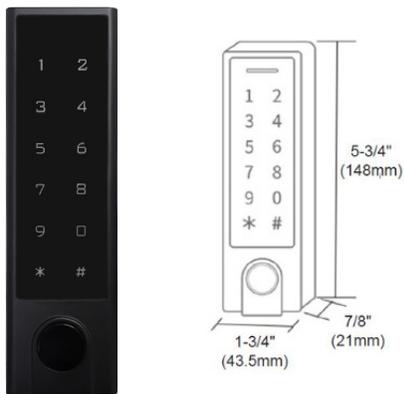
via Smart Phone, BLE/WIFI Gateway, Passcode or RFID Fob/Card



## SPECIFICATIONS

<b>Keypad</b>	Touchscreen
<b>Voltage</b>	DC12~24V
<b>Relay Load</b>	<=2A
<b>RF Reader Distance</b>	1" to 4"
<b>Working Temperature</b>	-20°F to +140°F
<b>Working Humidity</b>	0% to 98%

## DIMENSIONS



## FEATURES

- Smart control unit with BLE and RFID authentication capabilities
- Can be managed by INOX SMART APP and easily integrated for iOS and Android, supporting multi-level user roles and permissions with audit trail
- Extended access control device directly connects to any electrified locking mechanism, such as electrified locks, strikes, and exit devices
- Modern touchscreen keypad
- Supports remote access with BLE/WIFI Gateway
- Supports 13.56 MHz Mifare RFID fob/card
- Protective metal casing
- Water resistant IP66

## STANDARD FINISHES

- AL Aluminum
- BK Graphite Black

# ISK SERIES WITH ELECTRIC STRIKES

## via Smart Phone, BLE/WIFI Gateway, Passcode or RFID Fob/Card

### FEATURES & FUNCTIONS OF ISK

#### Bluetooth Reader with Digital Keypad



- Communicates with smartphone, Wi-Fi gateway or POE gateway through low energy Bluetooth technology
- Supports 1000 mobile credentials per device and 1000 RFID or Passcodes credentials or APP programmable passcodes
- Authorized users can create, edit, or remove three types of passcodes - system-generated, user-defined, or one-time passcodes - from the intuitive INOX Smart APP

#### Online and Offline RFID reader



- Supports secure 13.56MHz RFID such as FOB, Cards or Wristband
- Authorized users can add, edit or remove RFID credentials through the Innox Smart App
- Operates offline by storing authorized credentials locally, making it a more robust solution for environments with intermittent network connectivity

#### RFID Registration and Enrollment Device



- The ISK-B300 is an RFID registration/enrollment device
- Registers new RFID cards or FOB without requiring additional encoder equipment
- Associates the RFIDs with permissions and customized schedules in a cloud-based database
- Authorized users can remove or edit RFID information on the cloud and devices using INOX Smart APP

#### Smart Relay Controller



- The ISK-B300 comes equipped with a built-in SPDT relay that has a programmable hold delay
- It seamlessly integrates with various access control hardware such as electrified mortise locks, cylindrical locks, electrified exit device trim, electric strikes, and maglocks
- The relay hold time is adjustable via the app, ranging from 5 seconds to 5 minutes, which supports ADA accessibility

# ISK SERIES WITH ELECTRIC STRIKES

via Smart Phone, BLE/WIFI Gateway, Passcode or RFID Fob/Card

## READER/CONTROLLER



### ISK-B300 SPECIFICATIONS

<b>Keypad</b>	Backlit Digital Touchscreen
<b>Style</b>	Mullion
<b>Frequency</b>	125KHz / 13.56MHz
<b>Input Voltage</b>	12/24 V DC
<b>RF Output</b>	13.56MHz or 125kHz (reader) 26-Bit Wiegand
<b>Read Interface</b>	EM / MIFARE
<b>Read Range</b>	~3/4" to 2-1/2"
<b>Working Current</b>	<80mA (12V) ~<40mA (24V)
<b>Idle Current</b>	<30mA (12V) ~<20mA (24V)
<b>Pin Length</b>	4-8 digits
<b>User Capacity</b>	2000 Total (1000 RF/Passcode + 1000 Mobile)
<b>Working Humidity</b>	0% to 98%
<b>Working Temperature</b>	-20° F to 140° F
<b>Dimension</b>	5-7/8" x 1-3/4" x 7/8" 150mm x 44mm x 22mm
<b>Material</b>	Die Cast Metal

### ITEM CODE

**ISK-B300-BK** [Black]

**ISK-B300-AL** [Aluminum]

## CYLINDRICAL ELECTRIC STRIKE



### CYLINDRICAL SPECIFICATIONS

<b>Voltage</b>	12/24V AC/DC
<b>Current Draw</b>	260mA @12V DC 150mA @24V DC
<b>Static Strength</b>	1,500 lbs
<b>Dynamic Strength</b>	70 Ft-lbs
<b>Endurance</b>	1,000,000 Cycle (Factory Tested) 250,000 Cycle (UL Verified)
<b>Mode</b>	Field Selectable Fail Safe / Fail Secure
<b>Mech. Adjustment</b>	Strike Body/Faceplate
<b>Operation</b>	AC-Buzz, DC-Silent
<b>Duty</b>	Continuous
<b>Latch Bolt Monitor</b>	SPDT, 100mA @24V DC
<b>Dimensions (Body)</b>	3-3/8" H x 1-3/4" W x 1-7/32" D 86mm x 44mm x 31mm

### ITEM CODE

**ES-CY079L-32D**

# ELECTRIC STRIKES

via Smart Phone, BLE/WIFI Gateway, Passcode or RFID Fob/Card

## EXIT DEVICE ELECTRIC STRIKE



### EXIT DEVICE STRIKE SPECIFICATIONS

<b>Voltage</b>	12/24V AC/DC
<b>Current Draw</b>	560mA @12V DC 280mA @24V DC
<b>Static Strength</b>	1,500 lbs
<b>Dynamic Strength</b>	70 Ft-lbs
<b>Preload (Fail-Secure Only)</b>	15 lbs
<b>Endurance</b>	1,000,000 Cycle (Factory Tested) 250,000 Cycle (UL Verified)
<b>Latch Projection</b>	3/4"
<b>Fire Rating</b>	UL 10C/CAN4-S104 3 hrs (Fail Secure Only)
<b>Mode</b>	Field Selectable Fail Safe / Fail Secure
<b>Mech. Adjustment</b>	Strike Body
<b>Operation</b>	AC-Buzz, DC-Silent
<b>Duty</b>	Continuous
<b>Latch Bolt Monitor</b>	SPDT, 100mA @24V DC
<b>Dimensions (Body)</b>	9-3/16" H x 1-15/16 W x 3/4" D 233mm x 49mm x 19.8mm

### ITEM CODE

ES-ER289FL-32D

## MORTISE ELECTRIC STRIKE



### MORTISE SPECIFICATIONS

<b>Voltage</b>	12/24V AC/DC
<b>Current Draw</b>	260mA @12V DC 150mA @24V DC
<b>Static Strength</b>	1,500 lbs
<b>Dynamic Strength</b>	70 Ft-lbs
<b>Endurance</b>	1,000,000 Cycle (Factory Tested) 250,000 Cycle (UL Verified)
<b>Mode</b>	Field Selectable Fail Safe / Fail Secure
<b>Mech. Adjustment</b>	Strike Body/Faceplate
<b>Operation</b>	AC-Buzz, DC-Silent
<b>Duty</b>	Continuous
<b>Latch Bolt Monitor</b>	SPDT, 100mA @24V DC
<b>Dimensions (Body)</b>	3-3/8" H x 1-3/4 W x 1-7/32" D 86mm x 44mm x 31mm

### ITEM CODE

ES-ML579FL-32D

# POWER SUPPLY ELPS-8-ICO-10A

## 8 Fuse Relay, 10A, 115VAC



### SPECIFICATION

<b>Input Voltage</b>	115 VAC, 60 Hz, 4.2A Eight access control trigger input
<b>Output Voltage</b>	24VDC 10A Supply Current Eight Auxiliary Power Outputs PTC protected output, rated @3.5A Filter and electronically output Short Circuit ACM8 board main fuse is rated at 10A
<b>Battery Backup</b>	Built-in charger for sealed lead acid or gel type batteries with automatic switch over to stand-by battery when AC fails.
<b>Fire Alarm</b>	Latching or non-latching selectable for any or all of the eight (8) outputs
<b>LED Indicators</b>	Input voltage and DC output
<b>Product Weight</b>	11.75 lbs
<b>Dimensions</b>	15.5" H x 12" W x 4.5" D 393.7mm x 304.8mm x 114.3mm
<b>Electrical</b>	32° to 120° F Maximum humidity 85%

### STANDARD FINISHES

- AL Aluminum Painted
- For additional finish options not listed, contact Sales Department for MOQ and lead times*

### APPLICATION AND FEATURES

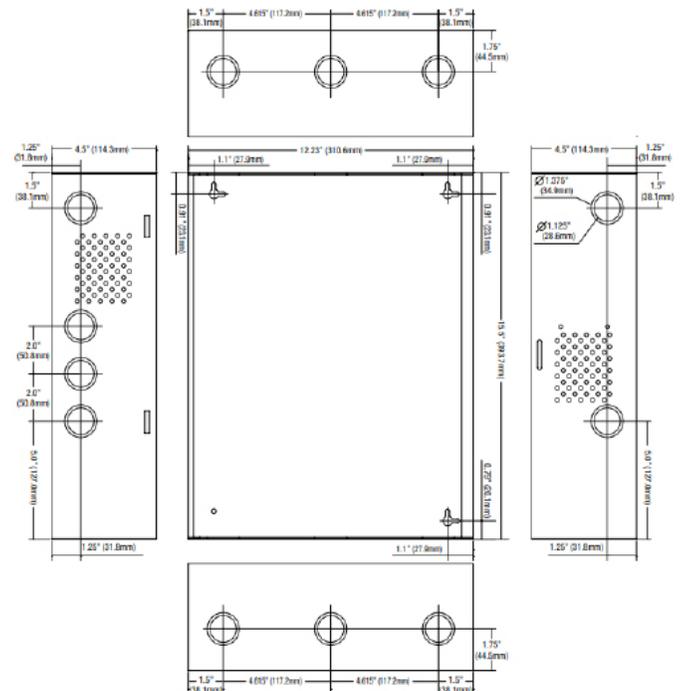
- This device converts a 115VAC 60Hz input into eight (8) independently controlled 24VDC Fail-Safe and/ or Fail-Secure outputs with a total of 10A continuous supply current.
- Outputs are activated by an open collector sink or normally open (NO) dry trigger input from an Access Control System.
- Intended for applications requiring UL 294 listing.
- The fire alarm disconnect feature is individually selectable for any or all of the eight (8) outputs.
- Automatic switch over to stand-by backup battery when AC fails.

### CODE COMPLIANCE



UL294 Access Control Systems  
CSFM Approved  
MEA  
NFPA 101 Life Safety

### DIMENSIONS



# POWER SUPPLY ELPS-8-ICO-6A

## 8 Fuse Relay, 6A, 115VAC



### APPLICATION AND FEATURES

- This device converts a 115VAC 60Hz input into eight (8) independently controlled 12VDC or 24VDC Fail-Safe and/or Fail-Secure outputs with a total of 6A continuous supply current
- Intended for applications requiring UL 294 listing.
- Automatic switch over to stand-by backup battery when AC fails.

### SPECIFICATION

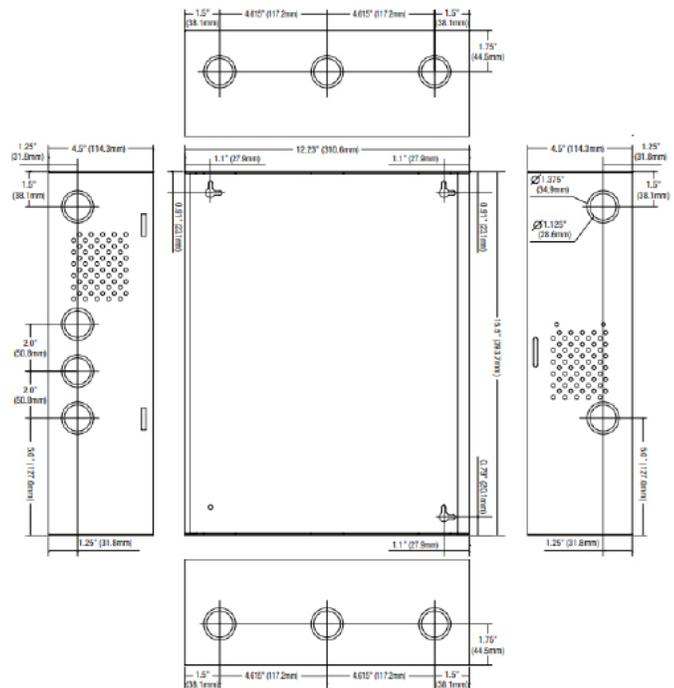
<b>Input Voltage</b>	115 VAC, 60 Hz, 3.5A Access control trigger input 12 VDC or 24VDC 6A Supply Current Eight independently controlled outputs
<b>Output Voltage</b>	Eight Auxiliary Power Outputs PTC protected output, rated @3.5A Filter and electronically output Short Circuit ACM8 board main fuse is rated at 10A
<b>Battery Backup</b>	Built-in charger for sealed lead acid or gel type batteries with automatic switch over to stand-by battery when AC fails.
<b>Fire Alarm</b>	Latching or non-latching
<b>LED Indicators</b>	Input voltage and DC output
<b>Product Weight</b>	10.3 lbs
<b>Dimensions</b>	15.5" H x 12" W x 4.5" D 393.7mm x 304.8mm x 114.3mm
<b>Electrical</b>	32° to 120° F Maximum humidity 85%

### CODE COMPLIANCE



UL294 Access Control Systems  
CSFM Approved  
MEA  
NFPA 101 Life Safety

### DIMENSIONS



### STANDARD FINISHES

- AL Aluminum Painted
- For additional finish options not listed, contact Sales Department for MOQ and lead times

# POWER SUPPLY ELPS-5-C2RPO

## 5 PTC, 2 Outputs, 5A, 115VAC



### SPECIFICATION

<b>Input Voltage</b>	115VAC / 60Hz, 3.5A Access control trigger input
<b>Output Voltage</b>	12VDC or 24VDC 12VDC or 24VDC @ 4A Supply Current Five Class 2 Rated Power Limited Fail-Safe / Fail-Secure Outputs PTC protected output, rated @2.5A Overvoltage protection Filtered and regulated outputs
<b>Battery Backup</b>	Built-in charger for sealed lead acid or gel type batteries with automatic switch over to stand-by battery when AC fails.
<b>Fire Alarm</b>	Latching or non-latching
<b>LED Indicators</b>	Input voltage and DC output
<b>Product Weight</b>	7.6 lbs
<b>Dimensions</b>	13.5" H x 13" W x 3.25" D 342.9mm x 330.2mm x 82.55mm
<b>Electrical</b>	32° to 120° F Maximum humidity 85%

### STANDARD FINISHES

- AL Aluminum Painted
- For additional finish options not listed, contact Sales Department for MOQ and lead times*

### APPLICATION AND FEATURES

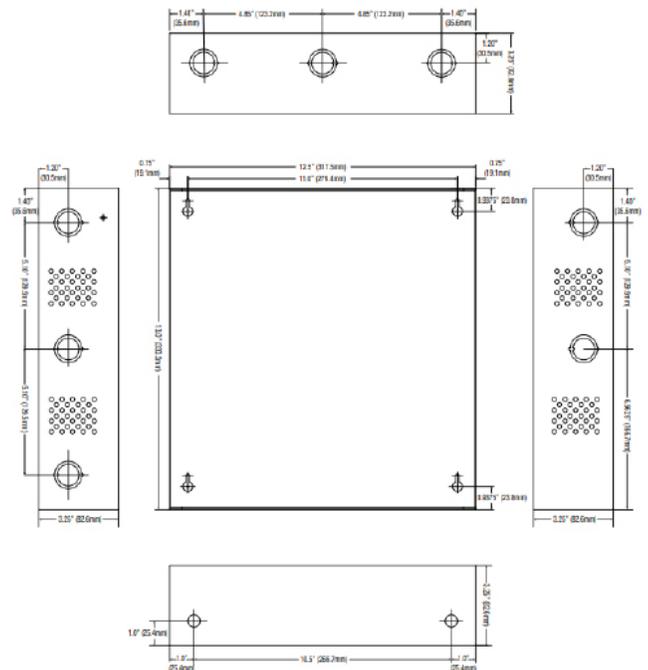
- This multi-output device allows access control power supply/charger is specifically designed for use with access control systems and accessories
- Switching Power Supply/Charger converts a 115VAC, 60Hz into two individually PTC protected auto-resettable 12VDC or 24VDC outputs.
- Intended for applications requiring UL 294 listing.
- Automatic switch over to stand-by backup battery when AC fails.

### CODE COMPLIANCE



UL294 Access Control Systems  
CSFM Approved  
MEA  
NFPA 101 Life Safety

### DIMENSIONS





## KEYPAD AC-KP1200



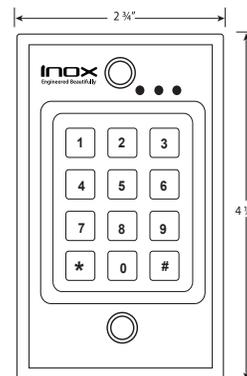
### SPECIFICATION

<b>Dimensions</b>	4-1/2" x 2-3/4" x 3/4" (114mm x 70mm x 19mm)
<b>Temperature</b>	-40°F to +185°F
<b>Operating Voltage</b>	12/24 V DC
<b>Current Draw</b>	30 MA standby, 90 MA Max
<b>Capacity</b>	999 User Codes
<b>Code Length</b>	Variable, up to 8 digits (10 million possible codes)
<b>Response Time</b>	0.3 Seconds
<b>Relay Contact Rating</b>	3 AMPs @12/24 V DC
<b>Time Delays</b>	1 to 255 seconds

### APPLICATION & FEATURES

- Ideal for virtually any indoor or outdoor application where control of electrically locked doors is required
- Stand-alone digital keypads that support up to 999 users
- Secondary relay can be programmed as an alarm output, door operator relay, or to activate only with certain pin codes

### DIMENSION



### STANDARD FINISHES

- 32D Satin Stainless Steel
- BK Graphite Black

# HAND WAVE AC-IR1100



## SPECIFICATION

<b>Voltage</b>	2A @12/24V DC
<b>Dimensions</b>	2-3/4" x 4-1/2" (70mm x 115mm)
<b>Connection</b>	Hardwired

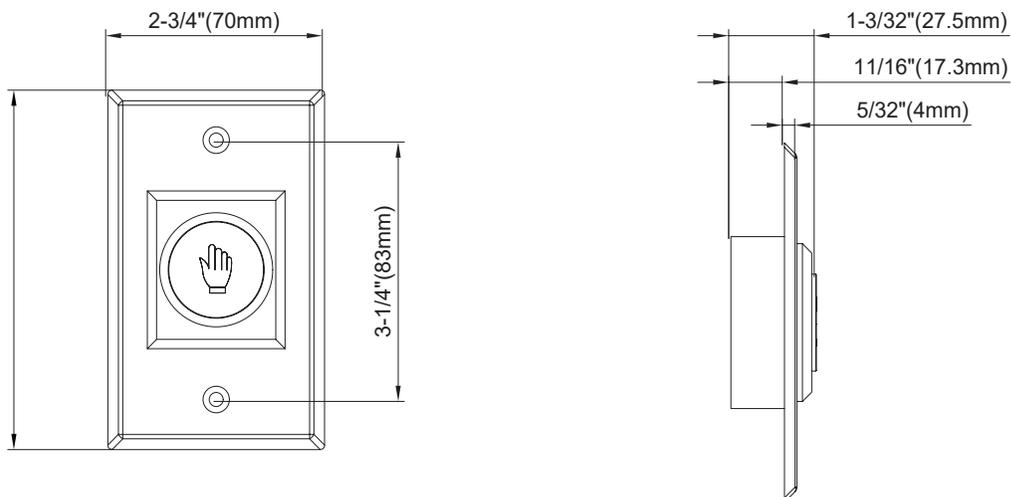
## APPLICATION & FEATURES

- No touch sensor that unlocks door automatically
- Equipped with an illuminated display for extra visibility
- Multi-functional interface that can connect with an electronic lock or access control system

## STANDARD FINISHES

- 32D Satin Stainless Steel

## DIMENSIONS



# PUSHBUTTON AC-PB100 / AC-PB200



AC-PB100



AC-PB200

## SPECIFICATION

**Dimensions AC-PB100** 1-3/32"x3-9/16"x 5/32"  
(90mm x 27mm x 4mm)

**Dimensions AC-PB200** 1-13/32"x3-13/32"x 5/32"  
(86mm x 86mm x 4mm)

**Electrical Performance** 3A @26VDC

**Contact Output** NC COM Contact

**Durability Test** Passed 500,000 cycle test

**Temperature** 14°F to +131°F

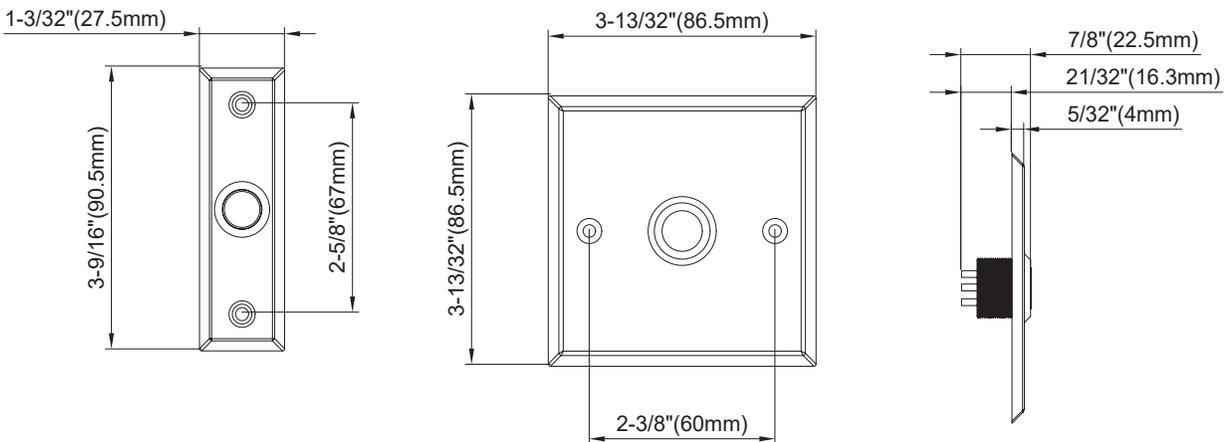
## APPLICATION & FEATURES

- The push buttons are countersunk and available in two styles, narrow or square
- They can be used with any access control for indoor use only

## STANDARD FINISHES

- 32D Satin Stainless Steel

## DIMENSIONS



# MONITORING AC-MP100



## SPECIFICATION

<b>Voltage</b>	12/24V DC
<b>Dimensions</b>	2-3/4" x 4-1/2" (70mm x 115mm)
<b>Connection</b>	Hardwired

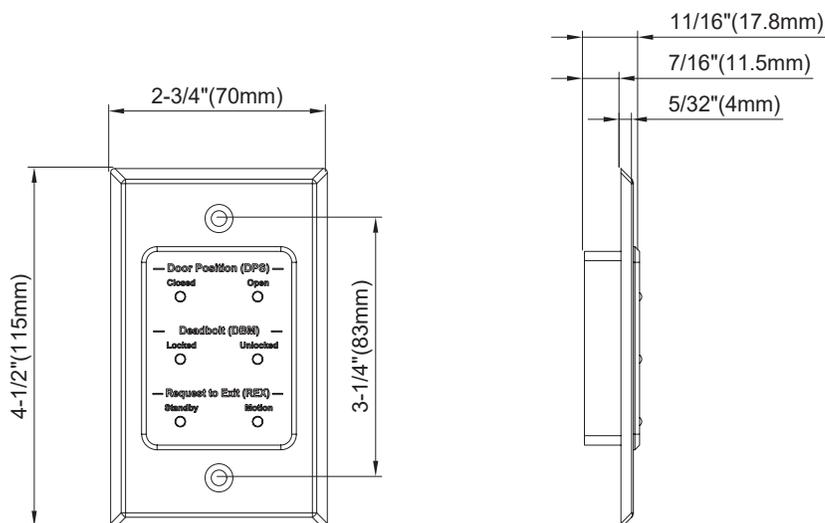
## APPLICATION & FEATURES

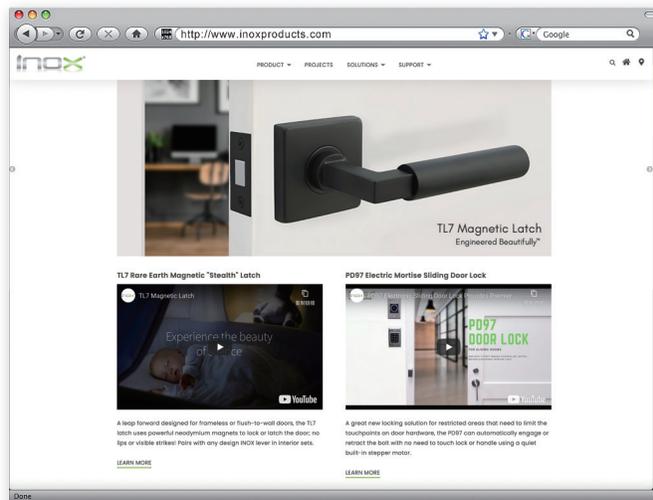
- Stainless Steel panel that can connect with an electronic lock or access control system

## STANDARD FINISHES

- 32D Satin Stainless Steel

## DIMENSIONS





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